

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FARMINGTON FIELD OFFICE  
Bureau of Land Management

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		5. Lease Serial No. <b>N0-G-1403-1908</b>
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator <b>Enduring Resources IV, LLC</b>		7. If Unit of CA/Agreement, Name and/or No. <b>NMNM 135216A</b>
3a. Address <b>332 Cr 3100    Aztec, NM 87410</b>	3b. Phone No. (include area code) <b>505-636-9743</b>	8. Well Name and No. <b>W Lybrook Unit 711H</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SHL: 1205' FSL &amp; 1327' FWL Sec 8 T23N R8W Unit: N</b> <b>BHL: 1004' FSL &amp; 803' FWL Sec 6 T23N R8W Unit: M</b>		9. API Well No. <b>30-045-35809</b>
		10. Field and Pool or Exploratory Area <b>Lybrook Mancos W</b>
		11. Country or Parish, State <b>San Juan, NM</b>

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Flared with Gas Sample</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

This well flared during the stimulation activity on the following wells and is back on production.

Heros 2308 09L Com 2H (30-045-35687), 3H (30-045-35848), 4H (30-045-35847), 5H (30-045-35877) & Athena 2308 14L #3H (30-045-35876).

Flared: 8/3/18-8/8/18

Total Flared Volumes: 3.12 mcf

Attached Gas Sample

ACCEPTED FOR RECORD

AUG 27 2018


RECEIVED

AUG 30 2018

FARMINGTON FIELD OFFICE

By: William Tambken

DISTRICT III

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>Lacey Granillo</b>		Title: Permit Specialist
Signature: 		Date: 8/23/18

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

# Diablo Analytical BTU Report

## GPA 2145-03 Analysis

### Sample Information

Sample Information	
Sample Name	WLU 711
Station Number	
Taken By	Alpine Analysis LLC
Operator	Travis Tapp
Method Name	StandardNatGas.met
Injection Date	2018-08-13 12:55:57
Report Date	2018-08-13 13:00:08
EZReporter Configuration File	default Standard Sample.cfgx
Source Data File	2018-08-13 12-55-46 (GMT -06-00)WLU 711-Rep2.dat
EZReporter Data File	WLU 711-20180813-130008.ezrx
Data Source	Agilent EZChrom Connector

### Component Results

Component Name	Ret. Time	Peak Area	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	0.322	14604485.0	21.48358	0.0	0.20779	2.372
Methane	0.329	24472965.0	52.28547	529.3	0.28961	8.894
Carbon Dioxide	0.380	288277.0	0.42864	0.0	0.00651	0.073
Ethane	0.419	6010733.0	8.47552	150.3	0.08799	2.274
Hydrogen Sulfide	0.601	0.0	0.00000	0.0	0.00000	0.000
Propane	0.525	21207556.0	10.96162	276.4	0.16689	3.030
i-Butane	0.576	3098480.0	1.37545	44.8	0.02760	0.452
n-Butane	0.608	7543434.0	3.28271	107.3	0.06588	1.038
i-Pentane	0.714	1685329.0	0.65944	26.4	0.01643	0.242
n-Pentane	0.757	1498160.0	0.56330	22.6	0.01403	0.205
Hexanes Plus	0.000	1569780.0	0.48427	0.0	0.00000	0.000
Water	0.000	0.0	0.00000	0.0	0.00000	0.000
Total:			100.00000	1157.3	0.88273	18.581

### Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	95.27790	
Pressure Base (psia)	14.730	
Temperature Base	60.0	
Water Mole%	-	1.74067
Gross Heating Value (BTU / Ideal cu.ft.)	1157.3	1137.2
Gross Heating Value (BTU / Real cu.ft.)	1161.6	1141.9
Relative Density (G), Real	0.8856	0.8814
Compressibility (Z) Factor	0.9963	0.9959
Total GPM	18.581	18.365